ICT for Marginalized Area

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Background

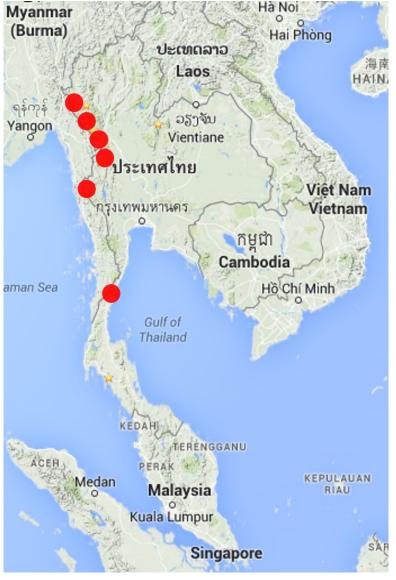
> The typical of marginalized area

- Around the border of Thailand
- Hardship and hard to reach area
- No electricity, no mobile signal, no Internet
- > Rely on the alternative energy such as solar power
- > Lack of teachers, education, healthcare
- School in the center of the community

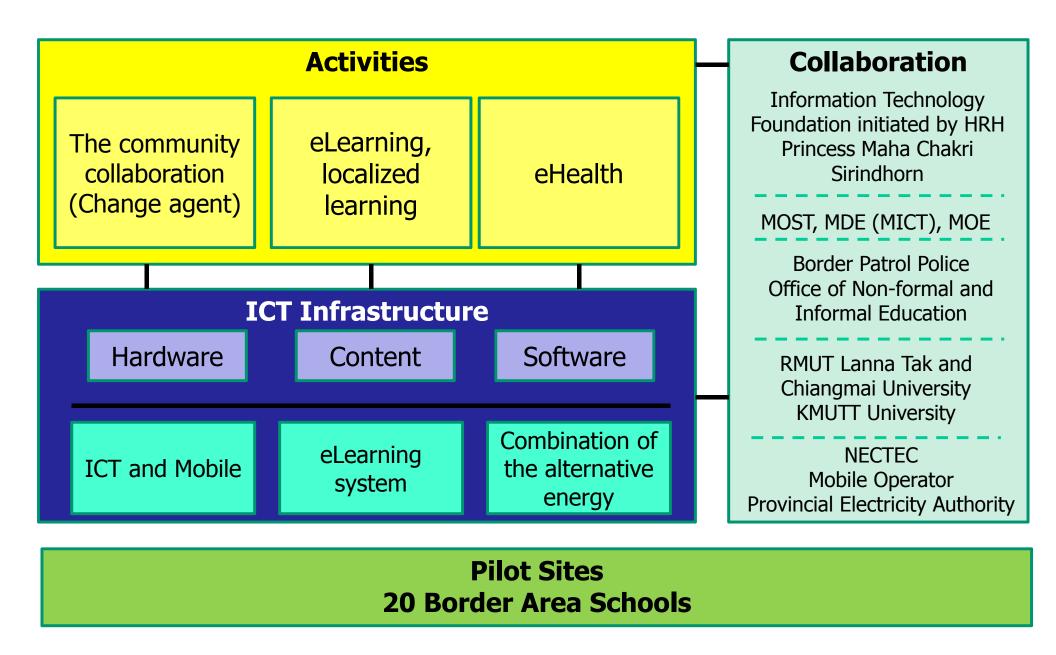
Objective of the project

- Develop the ICT and Energy model of the marginalized area to reduce the digital divide and to improve the education and the quality of life
- Develop the technology solutions for the marginalized area
- Bring the collaboration among agencies, schools and communities to enable the sustainability

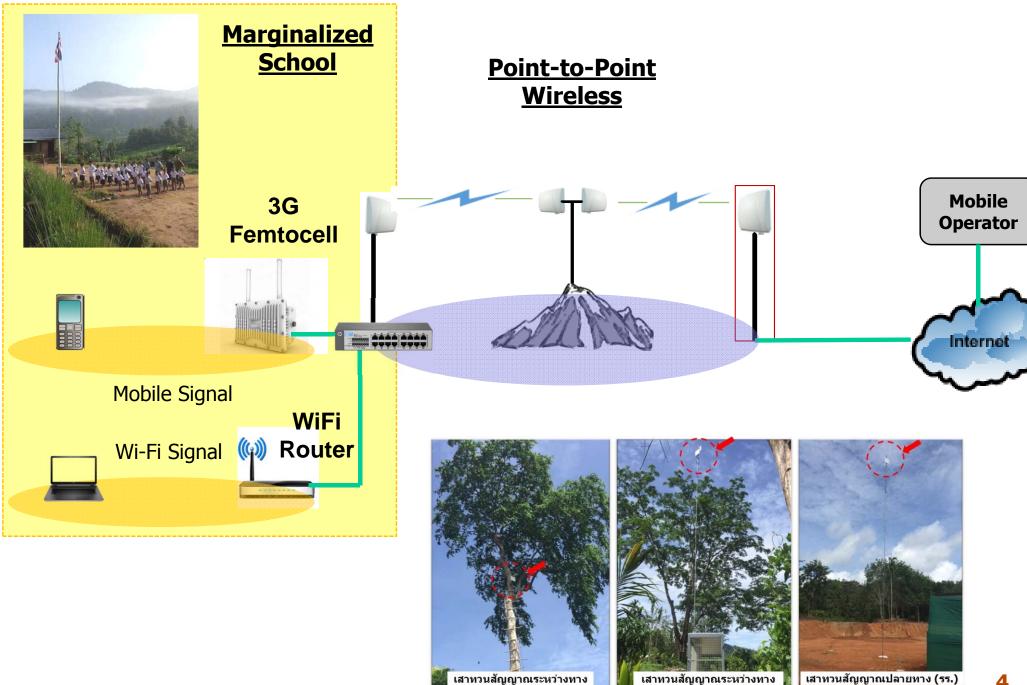




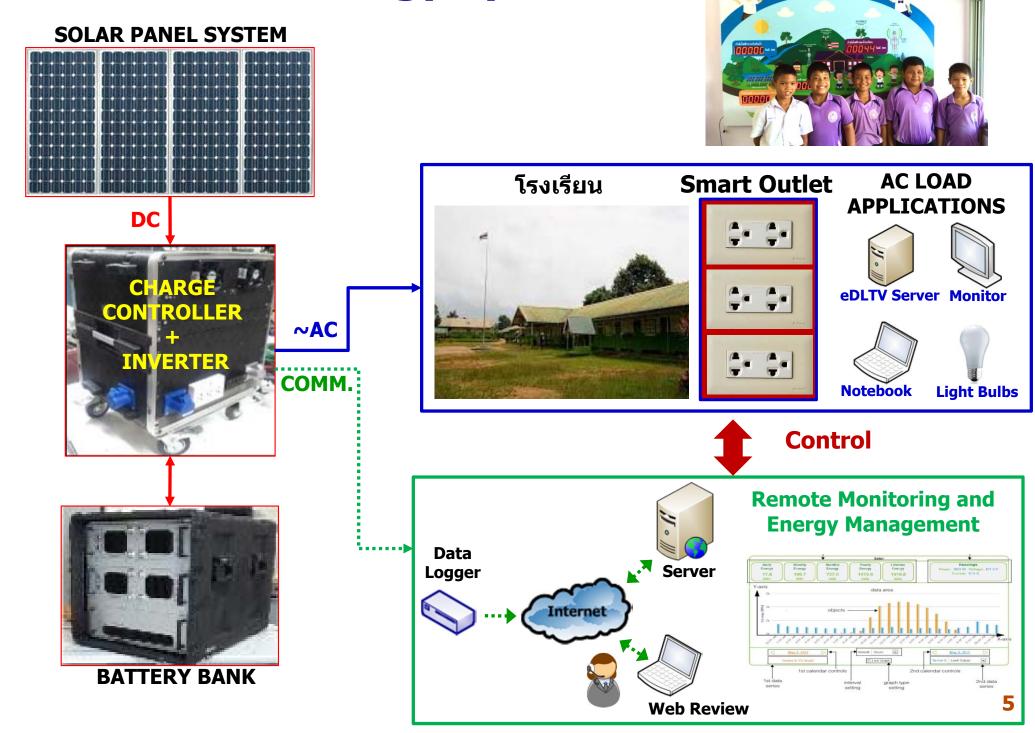
ICT for Marginalized Area



ICT SOLUTION (BROADBAND INTERNET AND MOBILE)



Solar Energy System



<mark>โครงการท้องเรียนชุมชนชายขอบด้วยไอซีที</mark>และพลังงานทดแทนแบบบูรณาการ

ICT Classroom







Sustainability

- System Operation and Maintenance
 - Broadband Internet and Mobile → Mobile Operator
 - Solar Energy → PEA (Provincial Electricity Authority)
 - Computer and eLearning system → School with change agent

Financial

- Government (Ministry of Digital Economy)
- School Budget, Marginalized School Foundation
- Mobile operator, PEA
- USO fund

Conclusion

- Infrastructure
 - ICT and Mobile phone
 - eLearning system
 - Hybrid solar energy
- Mobile operator and PEA provide the full system operation support
- Impact
 - Reduce the digital divide
 - Better education and better health service
- Key to success
 - Commitment, support from all stakeholder
 - Full collaboration of all parties